



Leading a field course on reservoir characterization of sedimentary systems

Aaron C. Rothfolk, L.G.

Geothermal Geologist

Aaron is a geoscientist in the Earth Resources Program, a team tasked with expanding Washington's understanding of geothermal and groundwater resources, as well as exploring the potential for carbon storage. Prior to joining the Washington Geological Survey, Aaron spent a decade exploring hydrocarbon resources across North America with a focus on multidisciplinary subsurface data integration and interpretation resulting in successful development projects across a variety of geologic settings. Recently, Aaron has shifted his focus to geothermal energy pursuits through assignments in Hawaii, California, Colorado, and Nevada.

Job Responsibilities

Geothermal resource assessment (conventional and next-generation geothermal systems), research and analysis, data compilation and reporting, stakeholder engagement, regulatory compliance, professional development, technical support, and educational outreach.

Professional Interests

Exploration, development, and utilization of subsurface energy resources. Leveraging geophysical and geological data to predict subsurface reservoir characteristics with a focus on structural geology, sequence stratigraphy, seismic interpretation, fluid migration, and rock mechanics. Dabbling in machine learning.

Skills

Field geology, geoscience software, reaching things for people at the grocery store, GIS, wilderness safety, reading rock runes and their rocky resonance.

Professional Experience

- Geologist at Anadarko Petroleum Corp, Denver, CO
- Geologist at Devon Energy Corp, Houston, TX

Education

- Graduate Certificate GIS, University of Denver, Denver, CO
- M.S. Geology, University of Oklahoma, Norman, OK
- B.S. Geology, St. Cloud State University, St. Cloud, MN

Personal Interests

Serenading my cat with questionable ukulele talents, serenading myself with questionable sourdough bread talents, aspiring reader, and charcuterie creator, sometimes you can find me skating across Europe, exploring the forests and inlets of the South Sound, or guiding small groups on outdoor adventures.